


In the event a telephone conversation would expedite the prosecution of this application, the Examiner may reach the undersigned at (408) 971-2573. A check has been enclosed to pay the excess claims fees. For payment of any additional fees due in connection with the filing of this paper, the Commissioner is authorized to charge such fees to Deposit Account No. 50-1351 (Order No. CLIC1P008).

Respectfully submitted,

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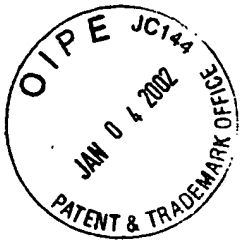


Appendix 1

The amendments to the paragraph found at page 22, lines 21-29, which are included in the replacement paragraph, are shown below. NOTE: Underlining denotes added text. Brackets denote deleted text.

For example, a website may have a table having an output with five columns. On a PDA, perhaps only four columns can be displayed on the display. The output can be set to only show four variables. Similarly, if only two columns of the table can be displayed on a phone, the output [van] can be set to show only two variables.

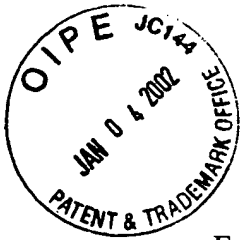
More information about operation and functionality of the PRE is found in US Patent Application entitled SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PATTERN REPLAY USING STATE RECOGNITION, filed concurrently herewith under serial number 09/942,080 and assigned to common assignee Clickmarks, Inc., and which is herein incorporated by reference.



Appendix 2

The amendment to the paragraph found at page 24, lines 19-23, which is included in the replacement paragraph, is shown below. NOTE: Underlining denotes added text. Brackets denote deleted text.

More information about operation and functionality of the TRE is found in US Patent Application entitled SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PAGE RENDERING UTILIZING TRANSCODING, filed concurrently herewith under serial number 09/942,051 and assigned to common assignee Clickmarks, Inc., and which is herein incorporated by reference.



Appendix 3

For the Examiner's convenience, only the amended and new claims have been reproduced below. Amended and new claims are denoted with (AMENDED) and (NEW), respectively.

NOTE: Underlining denotes added text. Brackets denote deleted text.

10. (AMENDED) The method as recited in claim 1, wherein the execution of the transaction pattern includes retrieval of the transaction pattern by at least one of an automated agent and a [and/or] programmable agent.
25. (AMENDED) The computer program product as recited in claim 16, wherein the execution of the transaction pattern includes retrieval of the transaction pattern by at least one of an automated agent and a [and/or] programmable agent.
32. (NEW) The method as recited in claim 15, wherein the remote application is an electronic commerce application.
33. (NEW) A method for carrying out a computer-implemented transaction, comprising:
 - (a) recording information submitted by a user as part of a transaction;
 - (b) recording user actions taken by a user as part of the transaction;
 - (c) recording system actions taken by a system in response to the information and the user actions in order to generate results as part of the transaction;
 - (d) recording the results that are sent to a user as part of the transaction;
 - (e) generating a transaction pattern based on the recorded information;
 - (f) storing the transaction pattern in memory; and
 - (g) executing the transaction pattern to automatically carry out the transaction upon receiving a user request for the transaction.
34. (NEW) The method as recited in claim 33, wherein the transaction pattern further includes a record of actions taken by the system which enable access of the user to data, and actions enabled by the data to retrieve content.

35. (NEW) The method as recited in claim 33, wherein the storage of the transaction pattern includes the storage of information returned to a user by a system.
36. (NEW) The method as recited in claim 33, wherein the storage of the transaction pattern includes the storage of information selected by a user.
37. (NEW) The method as recited in claim 33, wherein the execution of the transaction pattern includes retrieval of the transaction pattern by at least one of an automated agent and a programmable agent.
38. (NEW) The method as recited in claim 33, wherein the execution of the transaction pattern involves automatic navigation during the transaction.
39. (NEW) The method as recited in claim 33, wherein the execution of the transaction pattern includes relaying content to a user.
40. (NEW) The method as recited in claim 33, wherein the execution of the transaction pattern includes recognizing a state of a remote application.
41. (NEW) A method for carrying out a computer-implemented electronic commerce (e-commerce) transaction, comprising:
 - (a) storing in memory a transaction pattern reflecting a transaction, wherein the transaction pattern includes:
 - i. creation and actions associated with forms presented in a web-interface with which a user submits information;
 - ii. information submitted by a user, in forms presented in an e-commerce flow;
 - iii. an internal process whereby the submitted information is sent to servers and databases of an e-commerce site;
 - iv. navigation of the user within the e-commerce process; and

- v. results returned by the e-commerce site once the submitted information has been processed; and
 - (b) executing the transaction pattern to carry out the transaction.
42. (NEW) A method for carrying out a computer-implemented transaction, comprising:
- (a) recording information submitted by a user as part of a transaction;
 - (b) recording user actions taken by a user as part of the transaction;
 - (c) recording system actions taken by a system in response to the information and the user actions in order to generate results as part of the transaction;
 - (d) recording the results that are sent to a user as part of the transaction;
 - (e) recording actions taken by the system which enable a user to access data;
 - (f) recording actions enabled by the data to retrieve content;
 - (g) generating a transaction pattern based on the recorded information;
 - (h) storing the transaction pattern in memory, including:
 - i. storing records relating to an interface presented to a user;
 - ii. storing records relating to the submission of information by a user;
 - iii. storing parameters required to complete the transaction;
 - iv. storing records relating to the navigation of a user during the transaction;
 - v. storing information returned to a user by a system;
 - vi. storing information selected by a user;
 - (i) executing the transaction pattern to automatically carry out the transaction upon receiving the user request for the transaction.
 - i. retrieving the transaction pattern using at least one of an automated agent and a programmable agent;
 - ii. recognizing a state of a remote application.
 - iii. submitting required parameters during the transaction;
 - iv. performing automatic navigation during the transaction;
 - v. retrieving content; and
 - vi. relaying content to a user.